



D

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : **Minoru TATENO, et al.**  
Serial No : **10/002,741**  
Filed : **November 15, 2001**  
Title : **REDUNDANT CHANGEOVER APPARATUS**

June 11, 2002

Commissioner of Patents & Trademarks  
Washington, D.C. 20231

**REQUEST FOR CORRECTED NOTICE OF RECORDATION**  
**OF ASSIGNMENT DOCUMENT**

SIR:

We received the **Notice of Recordation** on the above-referenced case, copy enclosed, wherein several assignors were omitted. Please add: 1) **Minoru TATENO** 2) **Hideaki KOYANO** 3) **Masato KOBAYASHI** 4) **Yasushi YOSHINO** 5) **Tatsuru IWAOKA**. All **DOC. DATE** should be listed as: **10/26/2001**

Any fee, due as a result of this paper may be charged on Deposit Account No. 50-1290.

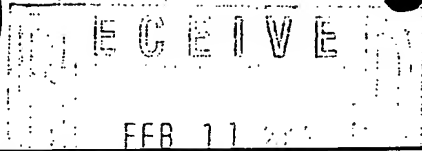
Respectfully submitted,

Brian S. Myers  
Reg. No. 46,947

Katten Muchin Zavis Rosenman  
575 Madison Avenue  
New York, NY 10022-2585  
(212) 940-8800  
Docket No: FUJZ 19.164



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



FEBRUARY 01, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
www.uspto.gov

ROSENMAN & COLLIN LLP  
HARRIS A. WOLIN  
IP DEPARTMENT 15TH FL.  
575 MADISON AVENUE  
NEW YORK, NEW YORK 10022-2585



\*101914947A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/15/2001

REEL/FRAME: 012354/0859  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

1-ASSIGNOR: Minoru TATENO DOC DATE: 10/26/2001  
2-ASSIGNOR: Hideaki KOYANO DOC DATE: 10/26/2001  
3-ASSIGNOR: Masato KOBAYASHI DOC DATE: 10/26/2001  
4-ASSIGNOR: Yasushi YOSHINO DOC DATE: 10/26/2001  
5-ASSIGNOR: TAKAYASU, AKIO DOC DATE: 10/26/2001  
6-ASSIGNOR: TATSURU IWAOKA DOC DATE: 10/26/2001  
ASSIGNEE: KAZUMARO TAKAIWA DOC DATE: 10/26/2001  
FUJITSU LIMITED 7-ASSIGNOR: AKIO TAKAYASU DOC DATE: 10/26/2001  
1-1 KAMIKODANAKA 4-CHOME NAKAHARA-  
KU, KAWASAKI-SHI  
KANAGAWA 211-8588, JAPAN

SERIAL NUMBER: 10002741  
PATENT NUMBER:

FILING DATE: 11/15/2001  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/002,741	11/15/2001	Minoru Tateno	FUJZ 19.164

026304  
KATTEN MUCHIN ZAVIS ROSENMAN  
575 MADISON AVENUE  
NEW YORK, NY 10022-2585

CONFIRMATION NO. 3839



Title: Redundant changeover apparatus

Publication No. US-2002-0167897-A1  
Publication Date: 11/14/2002

Date Mailed: 11/14/2002

## NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

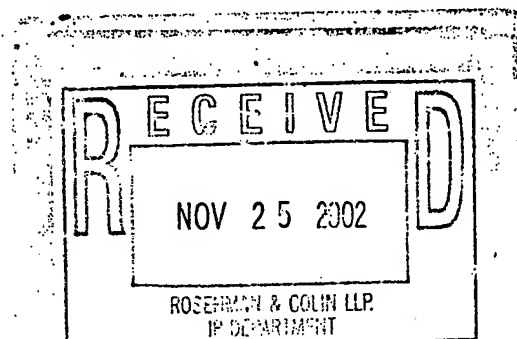
The publication may be accessed through the USPTO's publicly available Searchable Databases via the Internet at [www.uspto.gov](http://www.uspto.gov). The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at [www.uspto.gov](http://www.uspto.gov) using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

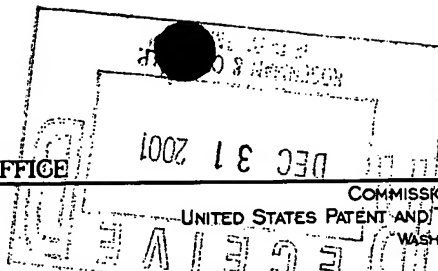
Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at (703) 305-3028.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202





## UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS

UNITED STATES PATENT AND TRADEMARK OFFICE

WASHINGTON, D.C. 20231

www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT. CLAIMS	IND. CLAIMS
10/002,741	11/15/2001	2874	740	FUJZ 19.164	18	12	2

CONFIRMATION NO. 3839

026304  
 ROSENMAN & COLIN LLP  
 575 MADISON AVENUE  
 NEW YORK, NY 10022-2585

## FILING RECEIPT



\*OC000000007225495\*

Date Mailed: 12/21/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Minoru Tateno, Yokohama, JAPAN;  
 Hideaki Koyano, Yokohama, JAPAN;  
 Masato Kobayashi, Yokohama, JAPAN;  
 Yasushi Yoshino, Yokohama, JAPAN;  
 Tatsuru Iwaoka, Yokohama, JAPAN;  
 Kazumaro Takaiwa, Yokohama, JAPAN;  
 Akio Takayasu, Yokohama, JAPAN;

## Domestic Priority data as claimed by applicant

## Foreign Applications

JAPAN 2001-143148 05/14/2001

If Required, Foreign Filing License Granted 12/21/2001

Projected Publication Date: 11/14/2002

Non-Publication Request: No

Early Publication Request: No

## Title

Redundant changeover apparatus

**Preliminary Class**

385

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

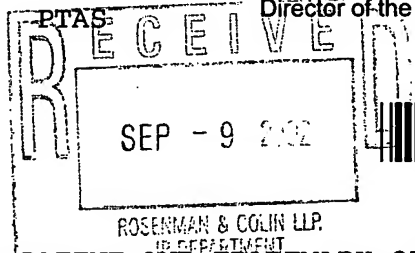


UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

AUGUST 30, 2002

KATTEN MUCHIN ZAVIS, ET AL.  
BRIAN S. MYERS  
575 MADISON AVENUE  
IP DEPARTMENT 15TH FLOOR  
NEW YORK, NY 10022-2585

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov



\*102143892A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/18/2002

REEL/FRAME: 013038/0010  
NUMBER OF PAGES: 4

BRIEF: CORRECTIVE DOCUMENT FOR REEL 012354 FRAME 0859

ASSIGNOR:  
TATENO, MINORU

DOC DATE: 10/26/2001

ASSIGNOR:  
KOYANO, HIDEAKI

DOC DATE: 10/26/2001

ASSIGNOR:  
KOBAYASHI, MASATO

DOC DATE: 10/26/2001

ASSIGNOR:  
YOSHINO, YASUSHI

DOC DATE: 10/26/2001

ASSIGNOR:  
IWAOKA, TATSURU

DOC DATE: 10/26/2001

ASSIGNOR:  
TAKAIWA, KAZUMARO

DOC DATE: 10/26/2001

ASSIGNOR:  
TAKAYASU, AKIO

DOC DATE: 10/26/2001

013038/0010 PAGE 2

ASSIGNEE:

FUJITSU LIMITED  
1-1 KAMIKODANAKA 4-CHOME, NAKAHARA-  
KU, KAWASAKI-SHI  
KANAGAWA 211-8588, JAPAN

SERIAL NUMBER: 10002741  
PATENT NUMBER:

FILING DATE: 11/15/2001  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



03-2002

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

102143892

U.S. Patent Office  
Atty Docket No.: FUJZ 19.164

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Minoru TATENO  
Hideaki KOYANO  
Masato KOBAYASHI  
Yasushi YOSHINO  
Tatsuru IWAOKA  
Kazumaro TAKAIWA  
Akio TAKAYASU

6.18.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Corrective Document for  
Reel #012354 Frame# 0859

October 26, 2001

Execution Date:

## 2. Name and address of receiving party(ies)

Fujitsu Limited

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

1-1 Kamikodanaka 4-chome

Street Address: \_\_\_\_\_

Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

10/002,741

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Katten Muchin Zavis Rosenman

Name: \_\_\_\_\_

IP Department 15th Fl.

Internal Address: \_\_\_\_\_

575 Madison Avenue

Street Address: \_\_\_\_\_

New York

New York

10022-2585

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number:

50-1290

(Attach duplicate copy of this page if paying by deposit account)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian S. Myers

June 11, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 5

Mail documents to be recorded with required cover sheet information to:

07/02/2002 LNUJELLER 00000314 501290

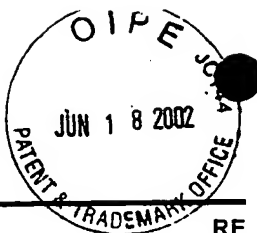
10002741

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:581

40.00 CH





12-15-2001



101914947

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼

RE

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Attorney Docket No.: FUJZ 19.164

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kazumaro TAKAIWA  
Akio TAKAYASU

11-15-01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

OCTOBER 26, 2001

## 2. Name and address of receiving party(ies)

FUJITSU LIMITED

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

1-1 Kamikodanaka 4-chome

Street Address: \_\_\_\_\_

Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

November 15,  
2001

A. Patent Application No.(s)

10/002741

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Rosenman &amp; Colin LLP

Name: \_\_\_\_\_

IP Department 15th Fl.

Internal Address: \_\_\_\_\_

575 Madison Avenue

Street Address: \_\_\_\_\_

New York

New York

10022-2585

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1290

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Harris A. Wolin

November 15, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: ☐

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

12/12/2001 DBYRNE 00000187 501290 10002741

01 FC:581

40.00 CH

U.S. PTO  
10/002741  
11/15/01

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in :  
REDUNDANT CHANGEOVER APPARATUS

for which

(check one) ☒ an application is being filed concurrently herewith,  
☐ an application for a Patent of the United States was filed on \_\_\_\_\_  
☐ and given Application Serial No. \_\_\_\_\_

and WHEREAS, FUJITSU LIMITED  
 having a place of business at 1-1, Kamiodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan, ASSIGNEE  
 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Minoru Tateno  
 Inventor's signature Minoru Tateno Date October 26, 2001  
 Residence Yokohama, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9, Shinyokohama  
2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of second joint inventor, if any Hideaki Koyano  
 Second Inventor's signature Hideaki Koyano Date October 26, 2001  
 Residence Yokohama, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9, Shinyokohama  
2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of third joint inventor, if any Masato Kobayashi  
 Third Inventor's signature Masato Kobayashi Date October 26, 2001  
 Residence Yokohama, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9, Shinyokohama  
2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of fourth joint inventor, if any Yasushi Yoshino

Inventor's Signature Yasushi Yoshino Date October 26, 2001

Residence Yokohama, Japan

Citizenship Japan

Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9, Shinyokohama

2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of fifth joint inventor, if any Tatsuru Iwaoka

Inventor's Signature Tatsuru Iwaoka Date October 26, 2001

Residence Yokohama, Japan

Citizenship Japan

Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9,

Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of sixth joint inventor, if any Kazumaro Takaiwa

Inventor's Signature Kazumaro Takaiwa Date October 26, 2001

Residence Yokohama, Japan

Citizenship Japan

Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9,

Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of seventh joint inventor, if any Akio Takayasu

Inventor's Signature Akio Takayasu Date October 26, 2001

Residence Yokohama, Japan

Citizenship Japan

Post Office Address c/o FUJITSU DIGITAL TECHNOLOGY LIMITED 3-9,

Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan

Full name of eighth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

**To: Assistant Commissioner for Patents**

**PATENTS**

Serial/Patent No. \_\_\_\_\_

Filing date: \_\_\_\_\_

Inventor(s): \_\_\_\_\_

Title: Redundant Chamber Apparatus

Atty Docket No. T-10510

Date Mailed 11/15/01

Attorney \_\_\_\_\_

The U.S. Patent & Trademark Office stamp herein acknowledges receipt of the following:

<input checked="" type="checkbox"/> Application (Utility <input checked="" type="checkbox"/> or Design <input type="checkbox"/> )	<u>28</u> Total Pages <u>spec</u>
<input checked="" type="checkbox"/> Preliminary Amendment	<u>18</u> Sheets of Drawings (Figs. <u>1-18</u> )
<input checked="" type="checkbox"/> Declaration and Power of Attorney	<input checked="" type="checkbox"/> Fee Transmittal Sheet <u>in duplicate</u>
<input checked="" type="checkbox"/> Transmittal Letter <u>(in duplicate)</u>	<input type="checkbox"/> Response to Missing Parts
<input type="checkbox"/> Small Entity Form	<input type="checkbox"/> Amendment
<input checked="" type="checkbox"/> Assignment and Cover Sheet <u>(in duplicate)</u>	<input checked="" type="checkbox"/> IDS & Citation in Application Form
<input type="checkbox"/> Response to Office Action	<input checked="" type="checkbox"/> Certified Copy of Priority Document
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Issue Fee Transmittal Form(s)
<input type="checkbox"/> Petition _____	<input type="checkbox"/> Check(s) # _____ for \$ _____
<input type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Letter to Official Draft Person
<input checked="" type="checkbox"/> Express Mail Certificate-Label # <u>04265713</u>	<input type="checkbox"/> Corrected Figures
<input checked="" type="checkbox"/> Other: <u>Sub-Power of Attorney</u>	<input type="checkbox"/> Request for Refund of Fee

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No. <b>FUJZ 19.164</b>	
	First Inventor <b>M. TATENO</b>	
	Title <b>REDUNDANT CHANGEOVER APPARATUS</b>	
	Express Mail Label No. <b>EVO14263713US</b>	

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
--	---

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **28**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **18**]
5. Oath or Declaration [Total Pages **5**]
  - a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
  - b. ☐ (for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

- | ACCOMPANYING APPLICATION PARTS   |   |
|--|---|
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))   |   |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)  | <input checked="" type="checkbox"/> Power of Attorney       |
| 11. <input type="checkbox"/> English Translation Document (if applicable)  |   |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input checked="" type="checkbox"/> Copies of IDS Citations |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment  |   |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                                     |   |
| 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)                                  |   |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |   |
| 17. <input type="checkbox"/> Other: .....  |   |

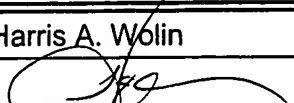
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>19. CORRESPONDENCE ADDRESS</b>					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<b>026304</b> (Insert Customer No. or Attach bar code label here)		or <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type)	<b>Harris A. Wolin</b>	Registration No. (Attorney/Agent)	<b>39,432</b>
Signature		Date	<b>11/15/01</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**EVO14263713US**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) **780.00****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	M. TATENO
Examiner Name	
Group Art Unit	
Attorney Docket No.	FUJZ 19.164

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	50-1290
Deposit Account Name	Rosenman & Colin LLP.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

**SUBTOTAL (1)** (\$) **740.00****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
11	-20** =	18.00	0.00
2	-3** =	84.00	0.00
Multiple Dependent		280.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) **0.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) **40.00****SUBMITTED BY**Name (Print/Type) **Harris A. Wolin**Registration No. **39,432**  
(Attorney/Agent)**Complete (if applicable)**Telephone **(212) 940-8800**

Signature

Date **11/15/01****WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.